



## Optical-Electrical Characteristics

@ T<sub>A</sub>=25°C

Parameter	Test Conditions	Symbol	Min .	Typ .	Max .	Unit .
Luminous Intensity	I <sub>F</sub> =10mA	I <sub>V</sub>	7	24	-	mcd
Forward Voltage	I <sub>F</sub> =20mA	V <sub>F</sub>	-	2.1	2.8	V
Reverse Current	V <sub>R</sub> =5V	I <sub>R</sub>	-	-	100	μA
Peak Emission Wavelength	I <sub>F</sub> =20mA	λ <sub>p</sub>	-	565	-	nm
Spectral Line Half Width	I <sub>F</sub> =20mA	Δλ	-	30	-	nm
Viewing Angle	I <sub>F</sub> =20mA	2θ <sub>1/2</sub>	-	45	-	deg.

## Typical Optical-Electrical Characteristic Curves

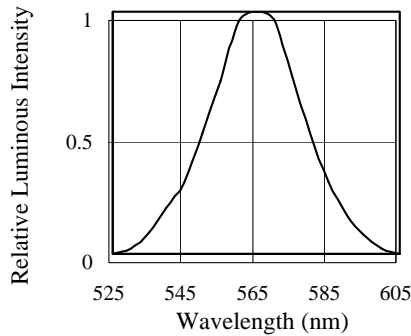


FIG.1 RELATIVE LUMINOUS INTENSITY VS. WAVELENGTH

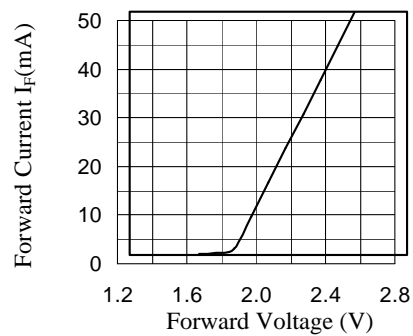


FIG.2 FORWARD CURRENT VS. FORWARD VOLTAGE

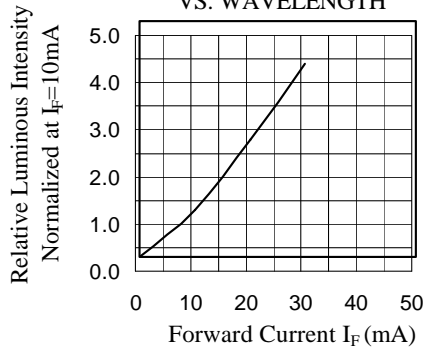


FIG.3 RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

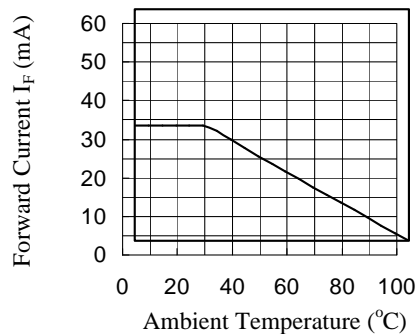


FIG.4 FORWARD CURRENT VS. AMBIENT TEMPERATURE

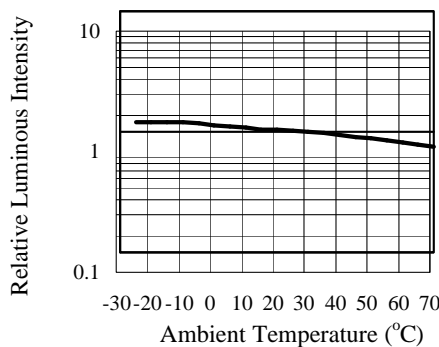


FIG.5 LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE

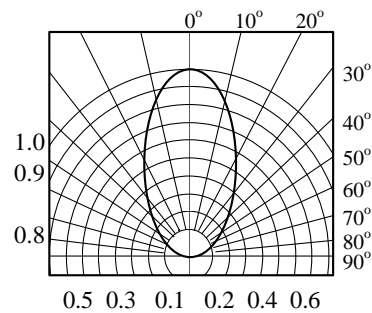


FIG.6 RADIATION DIAGRAM